

Original document

Austeno-ferritic stainless steel.

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- FR2630132 (A1)
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Cited documents:

- EP0156778
- GB1158614
- GB1456634
- US4612069
- EP0151487

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Abstract of EP0337846

Austeno-ferritic stainless steel alloy having good corrosion resistance and a machinability index comprising a low content of molybdenum and a high content of copper dissolved by heat treatment of the alloy above 900 DEG C, the composition being the following: C < 0.06 % by weight Si < 1.2 Mn < 3.21 < Cr < 25.3 < Ni < 6 0.06 < N < 0.3 Mo < 1.1 < Cu < 3.5 the remainder being iron. The composition is balanced to obtain between 30 and 70% of ferrite to austenite.

		% en poids
C	<	0,06
Si	<	1,2
Mn	<	3
Cr	< Cr <	25
Ni	< Ni <	6
N	< N <	0,3
Mo	<	1
Cu	< Cu <	3,5

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